Manuals+ — User Manuals Simplified.

JUPLINK EC3-750 Wi-Fi Range Extender User Manual

Contents

FCC ID:2AT9Z-EC3-750

———————————- Wi-Fi Range Extender ———————————-

Model No: EC3-750

I. Parts of the Wifi Repeater
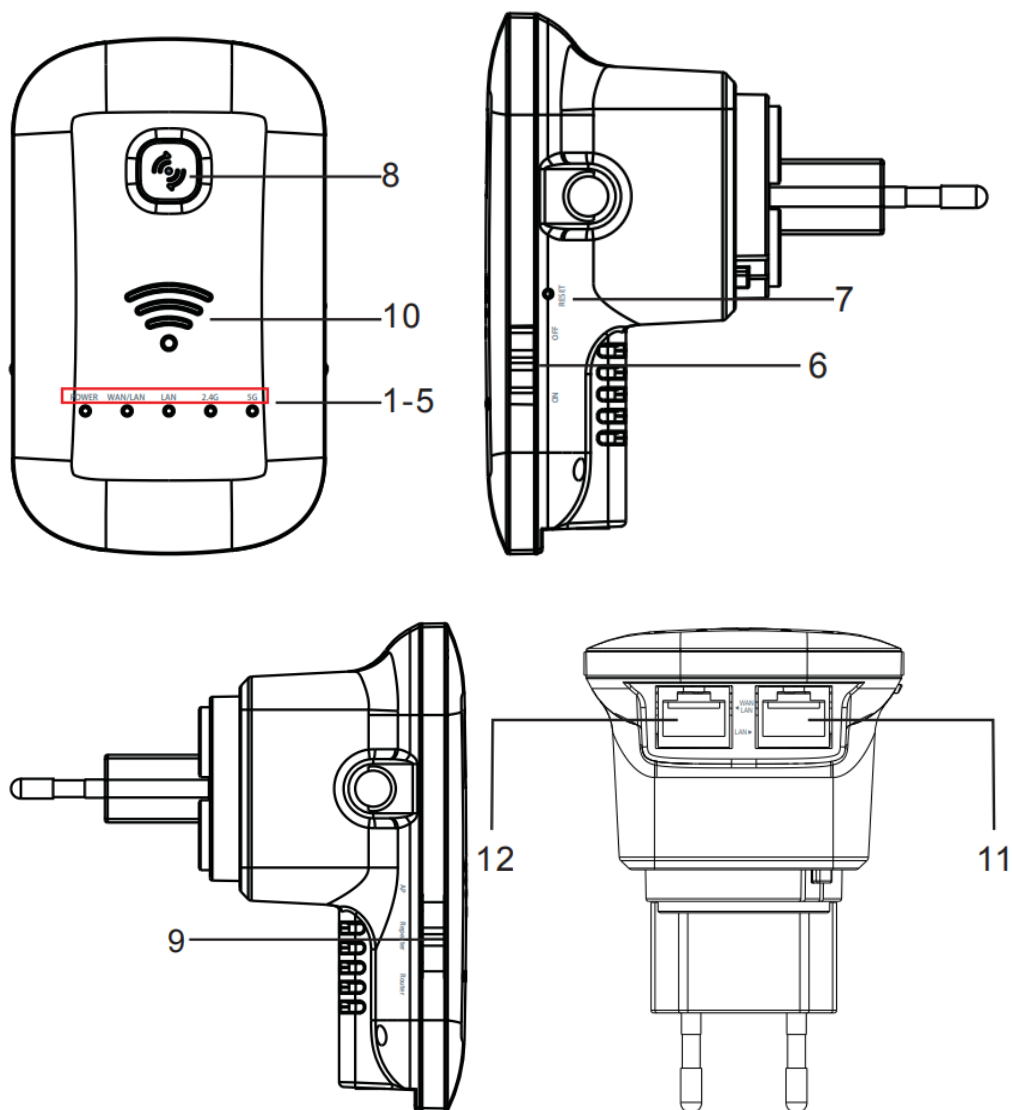
1. POWER LED
2. WAN/LAN LED
3. LAN LED
4. 2.4G Signal LED
5. 5G Signal LED
6. POWER ON/OFF Switch
7. RESET Button
8. WPS Button
9. Mode Switch(Repeater mode,Router mode,AP mode)
10. WiFi Signal Strength Indicator
11. LAN Port
12. WAN/LAN Port

II. LED Indicators

LED	Status	Meaning
2.4G Signal/5G Signal	LED off	No wifi signal
	LED flashing	Transferring data
POWER	LED off	Power off
	LED on	Power on
WiFi Signal Strength Indicator	One LED on	Weak reception, strength below 25 %
	Two LEDs on	Good reception, strength 50%~75%
	Three LEDs on	Excellent reception, strength above 75%
LAN& LAN/WAN	LED on	Cable connection ok
	LED off	Cable connection not ok

III Configuration of the Wifi Repeater

The repeater has founctions: repeater, router and Access Point. We describe the setup as wifi repeater in details. So firstly make sure the mode switch is in the repeater mode.

There are two ways to set up this device as wifi repeater, with WPS or without WPS. If you want to setup with WPS button, please make sure that the other device(that you want to conect with) has also a WPS button.

1. Connect the wifi repeater to your exsiting router by WPS button.(go to point 2 if your exsiting router does not have WPS)
a. Plug the Wifi repeater into a power outlet near your exsiting router (not too far away from your router) and wait for the repeater to start up.
b. Press WPS button on your exsiting router (usually press the WPS button for 3 seconds, consult the manual of your exsiting router).
c. Activate WPS on the Wifi repeater by pressing the WPS button for over 5 seconds.
d. The Wifi repeater will connect to your exsiting router. This will take some time, please wait at least 2 minutes.

2. Connect the Wifi repeater to your exsiting router without WPS.
a. Plug the Wifi repeater into a power outlet near your exsiting router (not too far away from your router) and wait for the repeater to start up.
b. The Wifi repeater will need to know to which Wifi network it should be connected and what the password is. Therefore, it is necessary to set the Wifi.
You will need a network cable. Plug one side of the cable in the Wifi repeater(LAN port) and plug the other end in your PC. You may need to temporarily disconnect the existing Internet cable.
c. Enter 192.168.3.1 in your web browser (do not use Google, enter it in the URL bar).
d. Enter admin in both the name and password field.
e. The following screen will appear. Click on "Repeater Wizard".

Click on Repeater Wizard

Juplink EC3-750

Repeater Mode	User — This Device — AP/Router — Internet	2.4G Wi-Fi Clients: 1
Repeater Wizard		5G Wi-Fi Clients: 0

Wi-Fi Settings
2.4G SSID   Juplink-EC4-750
Channel   6
Hide SSID   No

5G SSID   Juplink-EC4-750_5G
Channel   48
Hide SSID   No

Internet   Disconnected
Repeater SSID   remoteap1
Repeater Signal   0%

LAN Settings
IP Address   192.168.3.1
Subnet Mask   255.255.255.0

Password Settings

Save/Import Settings

Upgrade Firmware

Restart Device

Logout

Running Time
0 Days 0 Hours 5 Mins 40 Secs

Firmware Version
113.135.1.915

Router MAC Address
00:E0:4C:6C:6B:C0

Before Setting

To customize your wireless network connection and other advanced repeater settings, please go to **www.juplink.com** to download RX4-1800 User Guide for more information.

Tech Support

If you have any questions about the product,Please reach out to us and we're glad to assist you.
Tell: +1(833)923-2468 (Toll Free)
Service Time: 09:00-17:00(EST)/ 06:00-14:00(PDT)
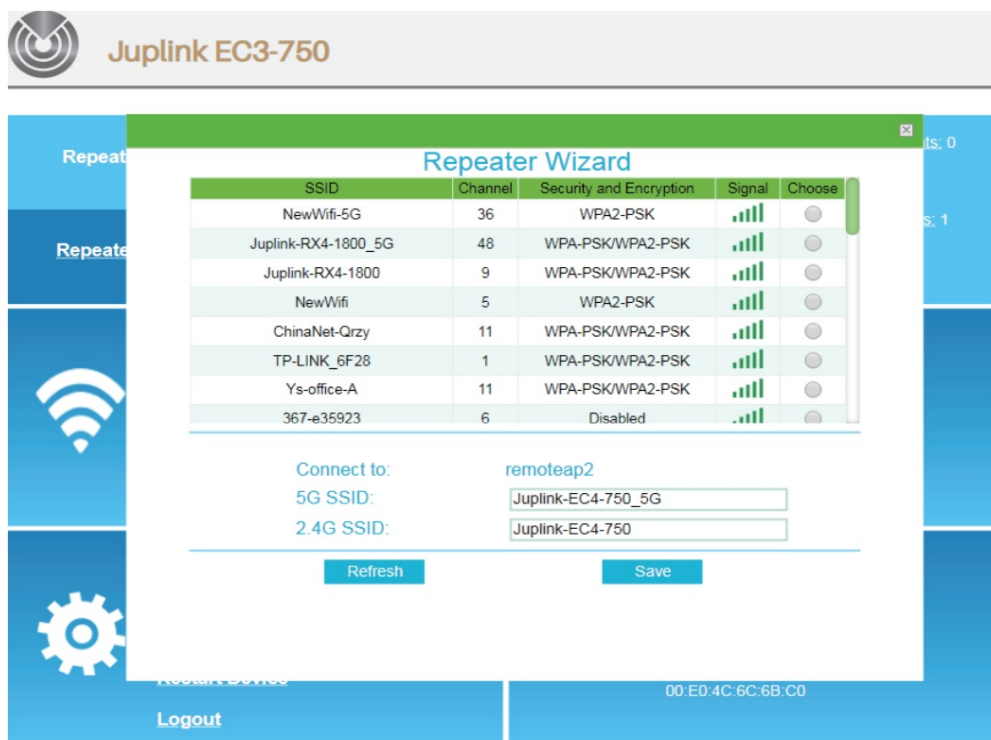Email: **Support@juplink.com**

Operating Conditions

Working Temperature: 0~45°C / 32~113°F
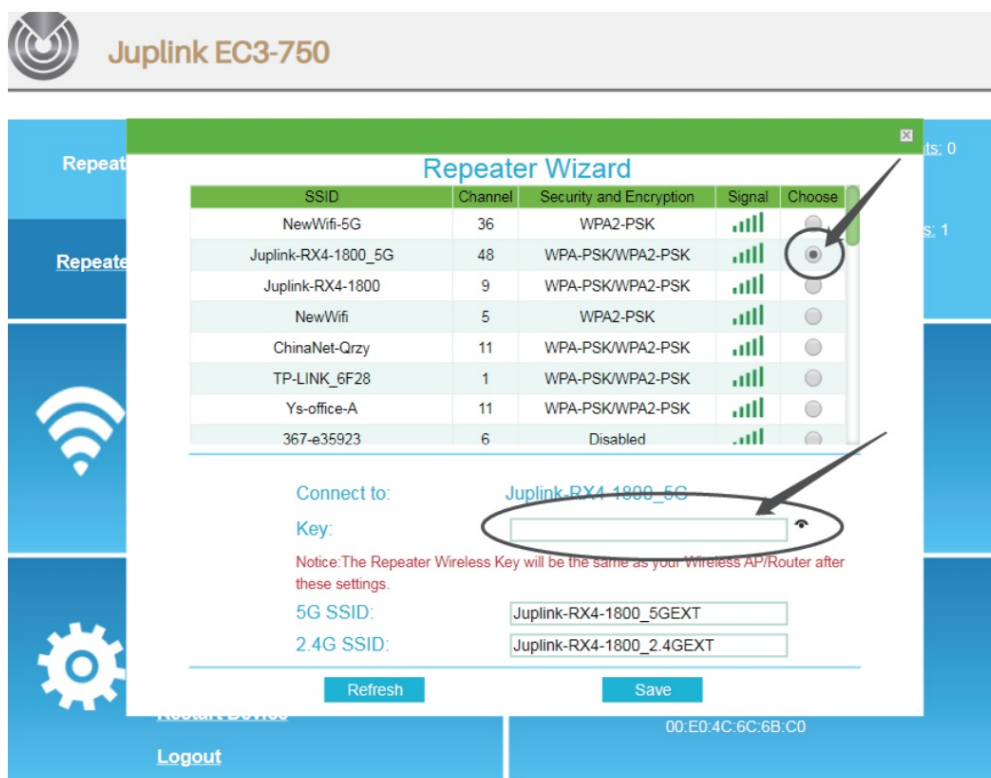Working Humidity: 10%~90% RH
(non-condensing)
Storage Temperature:-40~85°C / -40~185°F
Storage Humidity: 5%~95% RH
(non-condensing)

f. All available Wifi networks will be shown in a screen like the one shown here.

Juplink EC3-750

Repeater Wizard

SSID	Channel	Security and Encryption	Signal	Choose
NewWifi-5G	36	WPA2-PSK	▮▮▮	○
Juplink-RX4-1800_5G	48	WPA-PSK/WPA2-PSK	▮▮▮	○
Juplink-RX4-1800	9	WPA-PSK/WPA2-PSK	▮▮▮	○
NewWifi	5	WPA2-PSK	▮▮▮	○
ChinaNet-Qrzy	11	WPA-PSK/WPA2-PSK	▮▮▮	○
TP-LINK_6F28	1	WPA-PSK/WPA2-PSK	▮▮▮	○
Ys-office-A	11	WPA-PSK/WPA2-PSK	▮▮▮	○
367-e35923	6	Disabled	▮▮▮	○

Connect to: remoteap2
5G SSID: Juplink-EC4-750_5G
2.4G SSID: Juplink-EC4-750

Refresh   Save

00:E0:4C:6C:6B:C0

Logout

g. Select your network by clicking on the circle in the column "Choose" and enter your password details.
h. Click the "Save" button (at the bottom). The settings are now being saved, that is why the repeater will ask you to wait for 90 seconds. Afterwards you can remove the internet cable, and install the Wifi repeater at the selected location.

Juplink EC3-750

Repeater Wizard

SSID	Channel	Security and Encryption	Signal	Choose
NewWifi-5G	36	WPA2-PSK	▮▮▮	○
Juplink-RX4-1800_5G	48	WPA-PSK/WPA2-PSK	▮▮▮	●
Juplink-RX4-1800	9	WPA-PSK/WPA2-PSK	▮▮▮	○
NewWifi	5	WPA2-PSK	▮▮▮	○
ChinaNet-Qrzy	11	WPA-PSK/WPA2-PSK	▮▮▮	○
TP-LINK_6F28	1	WPA-PSK/WPA2-PSK	▮▮▮	○
Ys-office-A	11	WPA-PSK/WPA2-PSK	▮▮▮	○
367-e35923	6	Disabled	▮▮▮	○

Connect to: Juplink-RX4-1800_5G
Key: [   ]
Notice:The Repeater Wireless Key will be the same as your Wireless AP/Router after these settings.
5G SSID: Juplink-RX4-1800_5GEXT
2.4G SSID: Juplink-RX4-1800_2.4GEXT

Refresh   Save

00:E0:4C:6C:6B:C0

Logout

3. Connect your laptop, mobile phone or tablet to the Wifi repeater
a. You can now insert the Wifi repeater in the selected power outlet. Once again, this will take some time. Wait at least 2 minutes after insertion.
b. Search for new Wifi connections from your mobile device, e.g. laptop, phone or tablet. Select the SSID with -ext at the end(for example, if your exsiting router has SSID AB, select AB_2.4G_ext AB_5G_ext ,). The 5GHz connection is quicker and will automatically select wifi-AC if this is available on both devices.
c. The password will be the same as your existing router.

4. Connect an end device to the Wifi repeater using WPS
a. End devices are e.g. PC, mobile phone, tablet or IP camera. Activate WPS on the end device according to the manual of the device.
b. Press the WPS button on the Wifi repeater for less than 3 seconds.
c. The devices will now connect. After about 2 minutes, the connection works.

IV. Frequently Asked Questions (FAQ):

Q1: What should I do if my router does not have a WPS button?
A: Please follow instructions on option two – to set up using the browser.

Q2: How to Reset to defaults?
A: While the power is still on, keep pressing the reset button on the right side of the product for 5 to 10 seconds, and it will restore to factory settings.

Q3: Why cannot I see the login page after entering **http://192.168.3.1** in the browser?
A: Make sure your PC or phone is connected to the extender network and has disconnected from any other network. Also please make sure your PC or phone is set to **obtain an IP address automatically.**

Q4: My signal from the range extender is weak, and keeps dropping off.
A: Please place the extender in a proper location, i.e. where a minimum of 3 router signal strength bar is shown (please check the signal strength of that specific location with your phone or PC)

FCC Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.
This device is restricted to be used in the indoor.

This device complies with part 15 of the FCC Rules.Operation is subject to the following two conditions:
(1)This device may not cause harmful interference, and
(2)This device must accept any interference received, including interference that may cause undesired operation.

Radiation Exposure Statement
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules.
This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.
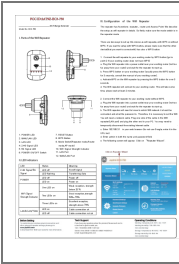
Caution:
Any changes or modifications not expressly approved by party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Note:
(1)The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.
(2)To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

Documents / Resources

JUPLINK EC3-750 Wi-Fi Range Extender [pdf] User Manual
EC3-750, EC3750, 2AT9Z-EC3-750, 2AT9ZEC3750, EC3-750 Wi-Fi Range Extender, Wi-Fi Range Extender, Range Extender, Extender

References

- **Network Adapter | Network Products – Juplink**